

ABSTRACT OF THE DISCLOSURE

A system for analyzing the condition of a machine having a rotating shaft and a machine body with a measuring point includes a client part communicating with a supplier part computer via a communications network. The client part includes: a sensor attachable at the measuring point for generating measurement data dependent on shaft rotation; an analysis apparatus for analyzing the condition of the machine based on the measurement data, the analysis apparatus having at least one input receiving the measurement data; a data processor for processing condition data dependent on the measurement data, the data processor including an element for performing condition monitoring functions and a logger registering their use; a communication port coupled to the data processor and connectable to the communications network to communicate with the supplier part computer. The analysis apparatus can deliver registered use information to the supplier part computer via the communication port.